Kunal Saha

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Guwahati, Assam - 781029, India

OBJECTIVE

Motivated and results-driven Software Engineer and Android Developer with expertise in Jetpack Compose, Clean Architecture, and MVVM patterns. Skilled in designing and delivering intuitive, scalable mobile applications to address real-world challenges in healthcare, sustainability, and education. Committed to advancing user-centered design, leveraging cutting-edge technologies, and creating impactful software solutions that enhance user experiences.

EDUCATION

• **Kalinga Institute of Industrial Technology**　　　　　　　　　　　　　　　*July 2023 - August 2027*
　BTech(CSE)　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Bhubaneswar, India
　◦ CGPA: 8.09/10.00

• **Kendriya Vidyalaya Khanapara**　　　　　　　　　　　　　　　　　　　　　　　　　*May 2023*
　Higher Secondary Education　　　　　　　　　　　　　　　　　　　　　　　　　　Guwahati, India
　◦ Percentage: 82/100

TECHNICAL SKILLS

• **Languages:** Java, C/C++, Python, Kotlin
• **Frameworks and Tools:** Spring, Spring Boot, REST APIs, OAuth 2.0, Maven, Docker, Figma
• **Database Systems:** PostgreSQL, SQL, RoomDB, Firebase
• **Specializations:** Android Development, Backend Development, Clean Architecture, Dependency Injection, MVVM Patterns
• **Version Control:** Git, GitHub

KEY PROJECTS

• **Raiders' Reckoning (Event-Based Project for IoT Lab, KIIT)**　　　　　*February 2025 - February 2025*
　Tools: Kotlin, REST API, Android (MVVM, Jetpack Compose, Dagger Hilt)　　　　　　　　[O][⊕]
　◦ Developed and deployed an Android application for Raiders Reckoning at KIITFEST 8.0, integrating Google Sign-In, team onboarding, and a QR Code Generator and Scanner for seamless in-game interactions.
　◦ Designed and implemented a task-based scoring system and real-time leaderboard, enhancing user engagement and competitive experience.
　◦ Built the app using MVVM architecture, Dagger Hilt, and multi-layer API integration, ensuring scalability and maintainability within a one-week development timeline

• **Stock Lookup App (CapX.live Internship Assignment)**　　　　　　　　　*October 2024 - October 2024*
　Tools: Kotlin, Jetpack Compose, REST API　　　　　　　　　　　　　　　　　　　　　　[O]
　◦ Built a stock market lookup app with real-time data integration and error-handling features.
　◦ Designed a responsive, intuitive UI using Jetpack Compose.
　◦ Leveraged Clean Architecture for scalable, maintainable code.

• **Khabar (News App) (Personal Project)**　　　　　　　　　　　　　*September 2024 - September 2024*
　Tools: Kotlin, REST API, Android(Jetpack Compose, MVVM Paging3, Room)　　　　　　　　　[O]
　◦ Developed a dynamic news app integrating News API for live updates.
　◦ Optimized performance with Paging 3 and implemented offline caching via Room DB.
　◦ Employed Clean Architecture and Dagger Hilt for modularity and maintainability

VOLUNTEER EXPERIENCE

• **Android Developer**　　　　　　　　　　　　　　　　　　　　　　　　　*March 2024 - Present*
　Google Developers Group, KIIT　　　　　　　　　　　　　　　　　　　　　　　　　　[⊕]
　◦ Conducted coding workshops to engage and inspire the developer community.
　◦ Contributed to technical sessions, fostering a collaborative learning environment.

• **App Developer**　　　　　　　　　　　　　　　　　　　　　　　　　　　*August 2024 - Present*
　IoT Lab KIIT　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　[⊕]
　◦ Collaborated with peers to enhance Android app development capabilities.
　◦ Enhanced public speaking, mentoring, and Android development expertise.

ACHIEVEMENTS

• Successfully completed projects and assignments under tight deadlines.
• Demonstrated innovation and problem-solving by building scalable applications for diverse use cases.